

**EXPRESS MAIL NO.: EV335858565US**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Casida et al.	Confirmation No.:	To be assigned
Serial No.:	To be assigned (Continuation of U.S. Application No. 09/985,846, filed November 6, 2001)	Art Unit:	To be assigned
Filed:	Herewith	Examiner:	To be assigned
For:	NON-OBLIGATE PREDATORY BACTERIA <i>BURKHOLDERIA CASIDAE</i> AND USES THEREOF (as amended herein)	Attorney Docket No.:	8014-020-999

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56 AND 1.97**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application which are or may be material to the patentability of any claim of the application, Attorneys for Applicants respectfully direct the Examiner's attention to references AA-BX listed on the attached "List of References Cited by Applicant."

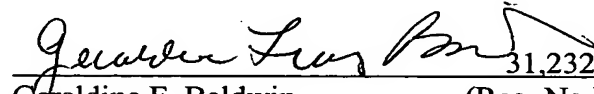
Pursuant to 37 C.F.R. § 1.98(d), a copy of references AA-BX is not enclosed. References AA-BX have previously been submitted to the Patent and Trademark Office in prior U.S. Patent Application No. 09/985,846, filed November 6, 2001, to which this application claims priority under 35 U.S.C. § 120. Accordingly, the Examiner's attention is directed to U.S. Patent Application No. 09/985,846 for copies of references AA-BX.

Applicants respectfully request that the Examiner review the listed references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(b), since this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits, it is believed that no fee is due in connection herewith. However, should the Patent and Trademark Office determine otherwise, please charge the required fee to Deposit Account No. 16-1150.

Respectfully submitted,

Date: February 10, 2004

  
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Enclosures

<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.
	8014-020-999	To Be Assigned
	APPLICANT	
	Lester Earl CASIDA, Jr. et al.	
	FILING DATE	GROUP
	Concurrently Herewith	To Be Assigned

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,588,584	05/13/1986	Lumsden et al.			
	AB	4,798,723	01/17/1989	Dart et al.			
	AC	4,988,586	01/29/1991	Toyoda et al.			
	AD	5,089,263	02/18/1992	Spiegel et al.			
	AE	5,232,850	08/03/1993	Casida, Jr.			
	AF	5,244,658	09/14/1993	Parke			
	AG	5,264,210	11/23/1993	Novitski et al.			
	AH	5,288,633	02/22/1994	Cartwright et al.			
	AI	5,348,742	09/20/1994	Howell et al.			
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	AL	5,496,547	05/05/1996	Lam et al.			
	AM	5,552,315	09/03/1996	Slininger et al.			
	AN	5,554,368	09/10/1996	Stack et al.			
	AO	5,576,298	11/19/1996	Strobel et al.			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AP	WO 95/11310	04/27/1995	PCT			
	AQ	JP-7255486 A1	10/09/1995	Japan			

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
AR	Anderson & Liberta, 1986, "Occurrence of fungal-inhibiting <i>Pseudomonas</i> on caryopses of <i>Tripsacum dactyloides</i> L. and its implication for seed survival and agriculture application", <i>Journal of Applied Bacteriology</i> <b>61</b> :195-199.	
AS	Ballard et al., 1970, "Taxonomy of the aerobic pseudomonads: <i>Pseudomonads cepacia</i> , <i>P. marginata</i> , <i>P. alliicola</i> and <i>P. caryophylli</i> ", <i>J. Gen. Microbiol.</i> <b>60</b> : 199-214.	
AT	Bevivino et al., 1994, "Phenotypic comparison between rhizosphere and clinical isolates of <i>Burkholderia cepacia</i> ", <i>Microbiology</i> <b>140</b> :1069-1077.	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	AU	L.E. Casida, Jr., 1980, "Death of <i>Micrococcus luteus</i> in soil", <i>Applied and Environ. Microbiol.</i> <b>39</b> :1031-1034.
	AV	L.E. Casida, Jr., 1980, "Bacterial predators of <i>Micrococcus luteus</i> in soil", <i>Applied and Environ. Microbiol.</i> <b>39</b> :1035-1041.
	AW	L.E. Casida, Jr., 1982, " <i>Ensifer adhaerens</i> gen. nov., sp. nov.: A bacterial predator of bacteria in soil", <i>Internat'l J. Systematic Bacteriol.</i> <b>32</b> :339-345.
	AX	L.E. Casida, Jr., 1987, "Relation to copper of N-1, a nonobligate bacterial predator", <i>Applied and Environ. Microbiol.</i> <b>53</b> :1515-1518.
	AY	L.E. Casida, Jr., 1988, "Response in soil of <i>Cupriavidus necator</i> and other copper-resistant bacterial predators of bacteria to addition of water, soluble nutrients, various bacterial species, or <i>Bacillus thuringiensis</i> spores and crystals", <i>Applied and Environ. Microbiol.</i> <b>54</b> :2161-2166.
	AZ	L.E. Casida, Jr., 1988, "Minireview: Nonobligate bacterial predation of bacteria of soil", <i>Microb. Ecol.</i> <b>15</b> :1-8.
	BA	L.E. Casida, Jr., 1989, "Protozoan response to the addition of bacterial predators and other bacteria to soil", <i>Applied and Environ. Microbiol.</i> <b>55</b> :1857-1859.
	BB	Casida, Jr. & Lukezic, 1992, "Control of leaf spot diseases of alfalfa and tomato with applications of the bacterial predator <i>Pseudomonas</i> strain 679-2", <i>Plant Dis.</i> <b>76</b> :1217-1220.
	BC	Gomez-Galve et al., 1996, "Biocontrol of charcoal rot and rhizoctoniasis on common bean by antagonistic strains of <i>Bacillus cereus</i> and <i>Burkholderia cepacia</i> ", <i>Phytopathology</i> <b>86</b> :S114.
	BD	Hebbar et al., 1992, " <i>Pseudomonas cepacia</i> , a potential suppressor of maize soil-borne diseases--seed inoculation and maize root colonization", <i>Soil Biol. Biochem.</i> <b>24</b> :999-1007.
	BE	Hebbar et al., 1992, "Suppression of <i>Fusarium moniliforme</i> by maize root-associated <i>Pseudomonas cepacia</i> ", <i>Soil Biol. Biochem.</i> <b>24</b> :1009-1020.
	BF	Larkin et al., 1996, "Efficacy of various biocontrol organisms in the control of <i>Fusarium</i> wilt of tomato", <i>Phytopathology</i> <b>86</b> :S83.
	BG	Lee et al., 1994, "Cepacidine A, a novel antifungal antibiotic produced by <i>Pseudomonas cepacia</i> ", <i>J. Antibiotics</i> <b>47</b> :1402-1405.
	BH	Leff et al., 1995, "Identification of aquatic <i>Burkholderia (Pseudomonas) cepacia</i> by hybridization with species-specific rRNA gene probes", <i>Applied &amp; Environ. Microb.</i> <b>61</b> :1634-1636.
	BI	Li et al., 1993, "Phylogenetic studies of the rRNA group II pseudomonads based on 16S rRNA gene sequences", <i>J. Applied Bacteriology</i> <b>74</b> :324-329.
	BJ	Makkar & Casida, Jr., 1987, " <i>Cupriavidus necator</i> gen. nov., sp. nov.: A nonobligate bacterial predator of bacteria in soil" <i>Internat'l J. System. Bacteriol.</i> <b>37</b> :323-326.

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	BK	Mao et al., 1996, "Effect of temperature on corn seed treatment with biocontrol agents to suppress damping-off", <i>Phytopathology</i> <b>86</b> :S23.
	BL	McLoughlin et al., 1992, " <i>Pseudomonas cepacia</i> suppression of sunflower wilt fungus and role of antifungal compounds in controlling the disease", <i>Applied &amp; Environ. Microb.</i> <b>58</b> :1760-1763.
	BM	Meyer et al., 1995, "Ornibactin production and transport properties in strains of <i>Burkholderia vietnamiensis</i> and <i>Burkholderia cepacia</i> (formerly <i>Pseudomonas cepacia</i> )", <i>BioMetals</i> <b>8</b> :309-317.
	BN	Palleroni & Holmes, 1981, " <i>Pseudomonas cepacia</i> sp. nov., nom. rev.", <i>Internat'l J. Systematic Bacteriol.</i> <b>31</b> : 479-481.
	BO	Ralston et al., 1973, " <i>Pseudomonas pickettii</i> , a new species of clinical origin related to <i>Pseudomonas solanacearum</i> ", <i>Internat'l J. Systemic Bacteriol.</i> <b>23</b> :15-19.
	BP	Rodley et al., 1995, "A physical genome map of the <i>Burkholderia cepacia</i> type strain", <i>Mol. Microbiol.</i> <b>17</b> :57-67.
	BQ	Rosales et al., 1995, "Isolation and identification of antifungal metabolites produced by rice-associated antagonistic <i>Pseudomonas</i> spp.", <i>Phytopath.</i> <b>85</b> :1028-1032.
	BR	Sánchez et al., 1994, "Inoculated common beans are protected against <i>Macrophomina phaseolina</i> by <i>Burkholderia cepacia</i> UPR 5C", <i>Plant and Soil</i> <b>162</b> :293-297.
	BS	Smilanick & Denis-Arrue, 1992, "Control of green mold of lemons with <i>Pseudomonas</i> species", <i>Plant Dis.</i> <b>76</b> :481-485.
	BT	Tabacchioni et al., 1995, "Molecular characterization of rhizosphere and clinical isolates of <i>Burkholderia cepacia</i> ", <i>Res. Microbiol.</i> <b>146</b> :531-542.
	BU	Tsuchiya et al., 1995, "Practical detection of <i>Pseudomonas cepacia</i> from rhizosphere antagonistic to plant pathogens with a combination of selective medium and ELISA", <i>Ann. Phytopathol. Soc. Jpn.</i> <b>61</b> :318-324.
	BV	Urakami et al., 1994, "Transfer of <i>Pseudomonas plantarii</i> and <i>Pseudomonas glumae</i> to <i>Burkholderia</i> as <i>Burkholderia</i> spp. and description of <i>Burkholderia vandii</i> sp. nov.", <i>Internat'l. J. System. Bacteriol.</i> <b>44</b> :235-245.
	BW	Yabuuchi et al., 1992, "Proposal of <i>Burkholderia</i> gen. nov. and transfer of seven species of the genus <i>Pseudomonas</i> homology group II to the new genus, with the type species <i>Burkholderia cepacia</i> (Palleroni and Holmes 1981) comb. nov.", <i>Microbiol. Immunol.</i> <b>36</b> :1251-1275.
	BX	Zeph & Casida, Jr., 1986, "Gram-negative versus gram-positive (actinomycete) nonobligate bacterial predators of bacteria in soil" <i>Applied &amp; Environ. Microbiol.</i> <b>52</b> :819-823.

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